MC 87-I-23 E (P)

PRELIMINARY REPORT
INDUSTRY SERIES

1987 Census of Manufactures

MC87-I-23E(P)
Issued June 1989

MISCELLANEOUS FABRICATED TEXTILE PRODUCTS

Industries 2391, 2392, 2393, 2394, 2395, 2396, 2397, and 2399

INTRODUCTION

This report presents preliminary statistics from the 1987 Census of Manufactures for those establishments classified in the industries listed above. These data will be superseded by a more comprehensive final paperbound report. The method of data collection and use of administrative data are discussed in detail in the appendix.

All dollar figures included in this report are at prices current for the year specified and, therefore, unadjusted for changes in price levels. Consequently, when making comparisons to prior years, users should take into consideration the inflation that has occurred.

The definitions of these industries are the same as those used in the 1987 Standard Industrial Classification (SIC) Manual.[1]

INDUSTRY 2391, CURTAINS AND DRAPERIES

In the 1987 Census of Manufactures, Industry 2391, Curtains and Draperies, had employment of 26.6 thousand. The employment figure was 10 percent above the 24.1 thousand reported in 1982. Compared with 1986, employment in 1987 decreased 4 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was $1.5 billion.

In 1987, establishments in this industry accounted for 94 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 91 percent. The products primary to this industry appear in table 2 and aggregated to $1.4 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $808.9 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2392, HOUSEFURNISHINGS, N.E.C.

In the 1987 Census of Manufactures, Industry 2392, Housefurnishings, N.E.C., had employment of 49.2 thousand. Compared with 1986, employment in 1987 increased 1 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was $4.5 billion.

In 1987, establishments in this industry accounted for 64 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 63 percent. The products primary to this industry appear in table 2 and aggregated to $4.4 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $2.8 billion in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2393, TEXTILE BAGS

In the 1987 Census of Manufactures, Industry 2393, Textile Bags, had employment of 8.8 thousand. The employment figure was 14 percent above the 7.7 thousand

[1] **Standard Industrial Classification Manual: 1987.** For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

Address inquiries to Bureau of the Census, Industry Division, Washington, DC 20233, or call **Gretchen Dickson** (301) 763-2510.

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reported in 1982. Compared with 1986, employment in 1987 increased 28 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was $567.4 million.

In 1987, establishments in this industry accounted for 87 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 83. The products primary to this industry appear in table 2 and aggregated to $538.6 million in 1987.

The cost of materials and services used by establishments in this industry amounted to $332.7 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2394, CANVAS AND RELATED PRODUCTS

In the 1987 Census of Manufactures, Industry 2394, Canvas and Related Products, had employment of 16.5 thousand. The employment figure was 11 percent above the 14.8 thousand reported in 1982. Compared with 1986, employment in 1987 decreased 6 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was $1.1 billion.

In 1987, establishments in this industry accounted for 96 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 93 percent. The products primary to this industry appear in table 2 and aggregated to $983.9 million in 1987.

The cost of materials and services used by establishments in this industry amounted to $515.4 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2395, PLEATING AND STITCHING

In the 1987 Census of Manufactures, Industry 2395, Pleating and Stitching, had employment of 14.3 thousand.

The total value of shipments for establishments classified in this industry was $763.9 million.

Establishments in this industry accounted for 98 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). The products primary to this industry appear in table 2 and aggregated to $638.5 million.

The cost of materials and services used by establishments in this industry amounted to $363.5 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2396, AUTOMOTIVE AND APPAREL TRIMMINGS

In the 1987 Census of Manufactures, Industry 2396, Automotive and Apparel Trimmings, had employment of 42.4 thousand.

The total value of shipments for establishments classified in this industry was $4.4 billion.

Establishments in this industry accounted for 97 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). The products primary to this industry appear in table 2 and aggregated to $4.4 billion.

The cost of materials and services used by establishments in this industry amounted to $2.5 billion in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2397, SCHIFFLI MACHINE EMBROIDERIES

In the 1987 Census of Manufactures, Industry 2397, Schiffli Machine Embroideries, had employment of 5.8 thousand. The employment figure was 17 percent below the 7.0 thousand reported in 1982. Compared with 1986, employment in 1987 increased 9 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was $296.2 million.

In 1987, establishments in this industry accounted for 98 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1982, the coverage ratio was 96 percent. The products primary to this industry appear in table 2 and aggregated to $254.0 million in 1987.

The cost of materials and services used by establishments in this industry amounted to $133.7 million in 1987. Data on specific materials consumed appear in table 3.

INDUSTRY 2399, FABRICATED TEXTILE PRODUCTS, N.E.C.

In the 1987 Census of Manufactures, Industry 2399, Fabricated Textile Products, N.E.C., had employment of 30.4 thousand. The employment figure was 21 percent above the 25.1 thousand reported in 1982. Compared with 1986, employment in 1987 increased 18 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was $2.5 billion.

In 1987, establishments in this industry accounted for 91 percent of products considered primary to the industry regardless of the industry in which they were produced

(coverage ratio). In 1982, the coverage ratio was also 91 percent. The products primary to this industry appear in table 2 and aggregated to $2.5 billion in 1987.

The cost of materials and services used by establishments in this industry amounted to $1.4 billion in 1987. Data on specific materials consumed appear in table 3.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in the tables in this publication:

-	Represents zero.
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(NA)	Not available.
(NC)	Not comparable.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
(X)	Not applicable.
(Z)	Less than half the unit shown.
do	Ditto.
n.e.c.	Not elsewhere classified.
n.s k.	Not specified by kind.
pt.	Part.
r	Revised.
SIC	Standard Industrial Classification.

Other abbreviations, such as lb, gal, yd, doz, bbl, and s tons, are used in the customary sense.

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone
Census/ASM		
Durables	Kenneth Hansen	(301) 763-7304
Nondurables	Michael Zampogna	(301) 763-2510
Current Industrial Reports		
Durables	Malcolm Bernhardt	(301) 763-2518
Nondurables	Thomas Flood	(301) 763-5911
Import/Export Publications	Foreign Trade Division	(301) 763-5140
Industry Analysis and Forecasts	International Trade Administration	(202) 377-4356

Table 1. Historical Statistics for the Industry: 1987 and Earlier Years

[Excludes data for auxiliaries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix.]

Year[1]	Companies[2] (no.)	All establishments[3] Total (no.)	All establishments[3] With 20 employees or more (no.)	All employees Number (1,000)	All employees Payroll (million dollars)	Production workers Number (1,000)	Production workers Hours (millions)	Production workers Wages (million dollars)	Value added by manufacture[4] (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories[4] (million dollars)	Ratios Specialization (percent)	Ratios Coverage (percent)
INDUSTRY 2391, CURTAINS AND DRAPERIES															
1987 Census	1 200	1 235	235	26.6	336.8	21.0	38.5	225.8	719.9	808.9	1 524.0	13.3	200.6	94	94
1986 ASM	(NA)	(NA)	(NA)	27.8	323.5	22.6	43.6	226.1	685.6	852.9	1 530.7	10.4	196.6	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	25.6	300.3	20.5	38.4	201.7	589.1	785.4	1 379.0	6.8	175.2	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	25.2	272.4	21.0	35.6	193.3	562.0	727.4	1 282.7	7.5	175.3	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	24.0	232.5	19.8	34.4	168.2	462.0	644.8	1 098.0	4.0	166.6	(NA)	(NA)
1982 Census	1 328	1 371	254	24.1	233.7	19.7	33.8	170.5	442.1	614.9	1 062.0	6.3	159.7	94	91
1981 ASM[5]	(NA)	(NA)	(NA)	23.3	221.5	19.1	35.0	151.5	456.5	622.4	1 077.2	8.0	169.2	(NA)	(NA)
1980 ASM[5]	(NA)	(NA)	(NA)	27.4	228.5	23.7	42.2	164.3	444.0	584.5	1 053.4	11.8	158.4	(NA)	(NA)
1979 ASM[5]	(NA)	(NA)	(NA)	31.3	245.3	27.2	48.3	179.0	488.3	544.5	1 050.2	15.7	149.6	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	34.5	247.7	29.1	51.7	177.2	425.6	654.0	1 081.4	[6]15.7	160.3	(NA)	(NA)
1977 Census	1 650	1 712	324	31.7	224.7	27.2	47.9	163.6	407.3	605.5	1 013.1	7.2	151.2	95	93
1976 ASM	(NA)	(NA)	(NA)	24.2	173.4	21.9	39.0	123.6	329.2	468.5	786.6	10.0	121.4	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	25.6	164.9	23.0	41.9	118.3	280.1	446.7	736.5	9.6	108.5	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	26.8	151.3	24.1	41.9	109.5	285.5	459.2	749.4	9.0	106.3	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	35.2	177.8	30.9	56.5	133.3	313.7	513.7	806.4	8.3	115.9	(NA)	(NA)
1972 Census	1 540	1 593	352	33.9	167.1	29.5	54.9	124.7	302.3	461.3	754.9	9.5	101.1	93	93
INDUSTRY 2392, HOUSEFURNISHINGS, N.E.C.															
1987 Census	851	931	396	49.2	696.3	41.3	81.0	497.7	1 732.2	2 803.8	4 480.6	43.5	735.8	94	[7]64
1986 ASM	(NA)	(NA)	(NA)	48.5	649.6	39.8	78.6	452.2	1 412.0	2 622.5	4 035.7	43.5	608.2	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	47.5	612.2	39.3	74.5	427.4	1 405.2	2 537.4	3 951.4	38.7	600.2	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	46.8	588.4	38.7	74.3	417.8	1 371.5	2 383.7	3 800.0	57.7	577.6	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	46.8	503.8	37.8	76.9	356.4	1 307.4	2 223.5	3 440.6	25.0	639.4	(NA)	(NA)
1982 Census	880	958	399	49.3	518.2	39.8	77.6	369.0	1 249.0	1 994.3	3 262.2	38.8	581.5	92	[7]63
1981 ASM	(NA)	(NA)	(NA)	43.2	457.3	35.6	68.9	314.5	1 127.2	1 750.8	2 846.3	18.8	507.0	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	44.0	416.7	36.7	71.0	299.1	969.2	1 641.8	2 600.1	16.4	464.9	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	46.4	407.5	38.8	74.2	293.3	916.4	1 616.5	2 502.4	27.9	455.5	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	50.2	411.4	42.4	79.1	296.4	827.3	1 597.1	2 417.6	28.1	401.4	(NA)	(NA)
1977 Census	980	1 051	403	47.5	366.4	39.8	75.4	260.0	782.9	1 541.4	2 231.0	26.9	393.0	89	[7]61
1976 ASM	(NA)	(NA)	(NA)	43.8	316.1	36.1	68.2	221.4	712.0	1 261.9	1 954.5	31.5	322.5	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	40.8	284.7	33.7	64.7	199.3	621.6	1 075.3	1 703.6	30.5	300.0	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	46.8	283.2	38.9	74.0	204.2	678.5	987.3	1 649.6	[8]22.6	293.8	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	50.7	296.4	42.9	82.3	210.6	670.5	992.5	1 646.5	22.7	285.0	(NA)	(NA)
1972 Census	1 058	1 111	412	50.3	281.9	42.2	82.5	194.0	585.2	961.0	1 526.9	29.9	250.1	85	[7]57
INDUSTRY 2393, TEXTILE BAGS															
1987 Census	246	259	116	8.8	117.4	7.2	13.3	75.5	240.5	332.7	567.4	6.2	104.9	92	87
1986 ASM	(NA)	(NA)	(NA)	6.9	86.4	5.8	10.6	56.7	207.3	296.3	499.8	4.2	88.4	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	7.1	87.9	6.0	10.5	58.8	219.0	291.6	502.0	4.6	83.5	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	7.4	92.6	6.3	11.9	64.0	209.4	279.0	487.9	5.4	69.9	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	8.2	94.6	7.0	13.0	67.3	175.4	276.3	455.7	5.3	77.0	(NA)	(NA)
1982 Census	233	249	108	7.7	89.5	6.5	12.2	64.8	167.8	252.7	421.8	5.9	73.0	88	83
1981 ASM[5]	(NA)	(NA)	(NA)	6.6	71.0	5.7	11.1	52.5	157.5	239.4	396.7	6.5	67.2	(NA)	(NA)
1980 ASM[5]	(NA)	(NA)	(NA)	6.6	64.0	5.6	10.2	45.1	138.6	205.1	346.9	16.3	62.3	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	7.3	63.5	6.3	11.7	44.5	157.1	189.6	345.3	[8]7.7	63.5	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	8.9	73.6	7.3	14.1	54.7	146.0	219.2	362.0	[8]2.5	63.4	(NA)	(NA)
1977 Census	211	228	90	8.2	66.7	6.8	12.9	46.8	122.2	200.5	321.8	5.8	59.4	82	84
1976 ASM[5]	(NA)	(NA)	(NA)	5.8	52.9	4.6	9.0	34.2	128.6	177.7	306.8	6.3	48.6	(NA)	(NA)
1975 ASM[5]	(NA)	(NA)	(NA)	5.6	51.0	4.7	9.3	33.2	113.8	170.1	287.9	6.4	47.9	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	7.8	56.6	6.6	12.6	39.4	133.9	233.1	362.8	7.2	67.3	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	9.2	50.7	7.9	14.2	36.0	90.6	215.7	303.6	5.3	49.9	(NA)	(NA)
1972 Census	188	208	94	7.9	44.0	6.7	12.7	31.4	74.5	182.2	255.1	5.5	38.6	93	90
INDUSTRY 2394, CANVAS AND RELATED PRODUCTS															
1987 Census	1 235	1 256	194	16.5	267.4	12.4	23.5	168.4	558.8	515.4	1 064.1	21.1	168.5	95	96
1986 ASM	(NA)	(NA)	(NA)	17.5	263.0	13.8	27.9	180.8	474.3	536.4	1 019.9	23.7	155.3	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	17.2	247.7	13.6	29.4	173.8	462.2	546.6	1 013.8	19.9	174.8	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	16.9	230.3	12.9	28.2	158.9	507.1	468.3	953.0	20.8	188.3	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	15.2	197.1	11.8	22.5	126.5	391.8	409.7	791.9	12.6	146.7	(NA)	(NA)
1982 Census	1 108	1 128	162	14.8	181.2	11.3	21.1	117.3	367.7	384.5	752.3	17.8	131.9	94	93
1981 ASM	(NA)	(NA)	(NA)	12.5	159.5	10.0	19.3	101.9	332.2	329.6	658.1	[8]10.7	125.1	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	11.1	130.1	8.6	17.6	80.6	259.5	254.1	517.2	6.6	99.1	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	12.0	132.4	9.5	18.8	83.2	267.8	276.1	542.3	6.6	104.3	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	15.4	140.2	12.4	21.9	91.6	249.4	290.4	578.6	[8]13.1	109.6	(NA)	(NA)
1977 Census	987	1 003	148	13.9	121.6	11.0	19.3	75.1	237.4	254.2	486.6	8.4	101.0	93	92
1976 ASM	(NA)	(NA)	(NA)	10.3	82.5	8.6	15.6	54.5	146.8	161.2	301.7	6.0	65.6	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	10.4	74.4	8.7	15.4	50.0	133.8	146.0	284.3	[8]7.1	59.1	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	11.2	80.2	9.2	16.6	52.4	136.6	155.7	293.2	[8]3.2	72.2	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	14.0	84.7	11.2	20.8	53.5	154.7	170.9	321.8	3.8	80.0	(NA)	(NA)
1972 Census	845	860	146	12.9	75.9	10.3	19.3	49.2	130.3	151.1	276.4	4.0	68.9	95	88
INDUSTRY 2395, PLEATING AND STITCHING[9]															
1987 Census	682	688	169	14.3	178.0	11.9	21.3	122.3	411.6	363.5	763.9	13.6	118.1	84	98
INDUSTRY 2396, AUTOMOTIVE AND APPAREL TRIMMINGS[9]															
1987 Census	1 178	1 202	328	42.4	970.1	33.7	62.5	714.6	1 953.1	2 502.3	4 426.8	113.7	384.3	99	97
INDUSTRY 2397, SCHIFFLI MACHINE EMBROIDERIES															
1987 Census	264	268	52	5.8	96.9	4.9	9.1	70.1	164.2	133.7	296.2	5.8	36.5	94	98
1986 ASM	(NA)	(NA)	(NA)	5.3	81.2	4.5	8.8	60.9	149.8	105.8	254.8	5.4	31.7	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	5.7	90.4	4.8	9.4	67.4	159.2	95.7	252.8	6.0	26.9	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	6.5	95.0	5.5	10.5	70.9	181.7	116.0	291.7	7.6	29.3	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	6.8	90.4	5.6	10.8	67.0	170.9	98.6	268.5	3.0	27.9	(NA)	(NA)

See footnotes at end of table.

Table 1. **Historical Statistics for the Industry: 1987 and Earlier Years**—Con.

[Excludes data for auxiliaries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendix.]

Year[1]	Companies[2] (no.)	All establishments[3] Total (no.)	All establishments[3] With 20 employees or more (no.)	All employees Number (1,000)	All employees Payroll (million dollars)	Production workers Number (1,000)	Production workers Hours (millions)	Production workers Wages (million dollars)	Value added by manufacture[4] (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories[4] (million dollars)	Ratios Specialization (percent)	Ratios Coverage (percent)
INDUSTRY 2397, SCHIFFLI MACHINE EMBROIDERIES—Con.															
1982 Census	356	366	75	7.0	97.4	5.8	11.2	73.4	188.9	116.4	303.3	7.4	29.7	95	96
1981 ASM[5]	(NA)	(NA)	(NA)	5.3	71.9	4.6	8.9	53.8	146.0	103.2	243.4	6.6	22.0	(NA)	(NA)
1980 ASM[5]	(NA)	(NA)	(NA)	5.8	68.3	4.8	9.8	51.8	124.0	92.2	214.5	2.4	16.5	(NA)	(NA)
1979 ASM[5]	(NA)	(NA)	(NA)	4.9	46.4	4.1	7.8	37.0	76.4	58.7	134.2	5.5	10.4	(NA)	(NA)
1978 ASM[5]	(NA)	(NA)	(NA)	7.0	70.5	6.1	11.5	53.4	102.3	87.3	187.0	5.3	14.4	(NA)	(NA)
1977 Census	357	363	58	6.0	56.3	5.3	10.4	42.5	96.7	62.0	158.0	3.3	10.1	97	96
1976 ASM	(NA)	(NA)	(NA)	6.0	49.7	5.4	12.0	38.4	92.6	59.9	151.8	[6]3.7	7.7	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	5.5	44.4	5.0	11.2	33.9	88.5	52.0	140.4	[6]7	7.1	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	5.3	39.8	4.7	10.3	29.9	78.6	44.7	123.9	4.1	5.7	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	5.3	39.8	4.8	10.3	30.4	77.1	50.4	127.4	.7	7.4	(NA)	(NA)
1972 Census	466	451	56	5.5	38.9	4.9	10.1	29.4	75.0	46.0	120.5	2.2	6.4	96	99
INDUSTRY 2399, FABRICATED TEXTILE PRODUCTS, N.E.C.															
1987 Census	44	876	307	30.4	429.7	25.0	45.5	291.3	1 110.1	1 378.3	2 486.9	35.0	328.9	97	91
1986 ASM	(NA)	(NA)	(NA)	25.7	379.8	21.3	40.3	260.4	921.2	1 242.0	2 152.0	39.4	308.0	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	25.4	370.5	21.1	40.6	259.9	934.7	1 331.1	2 265.7	62.5	290.3	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	26.6	353.2	22.3	41.0	245.9	876.8	1 288.2	2 147.9	55.0	272.7	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	26.3	327.3	21.7	39.7	219.7	763.2	986.7	1 747.5	80.8	236.5	(NA)	(NA)
1982 Census	770	801	259	25.1	290.7	20.5	36.8	197.7	629.9	841.7	1 475.9	23.5	216.9	93	91
1981 ASM	(NA)	(NA)	(NA)	24.7	279.6	20.3	36.9	190.0	561.1	688.9	1 232.8	30.3	190.6	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	26.1	265.0	21.7	38.7	180.6	566.8	642.0	1 204.9	25.7	196.9	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	27.3	258.1	22.6	40.3	175.3	579.7	653.2	1 219.5	[6]20.6	189.7	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	30.4	260.6	25.9	45.9	190.0	522.0	596.5	1 086.9	[6]36.6	187.0	(NA)	(NA)
1977 Census	845	877	271	30.8	261.4	25.7	46.5	185.2	525.9	628.2	1 148.4	19.0	164.8	94	89
1976 ASM	(NA)	(NA)	(NA)	29.7	241.0	25.1	44.6	171.2	533.0	592.5	1 117.1	18.9	160.6	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	29.5	220.5	25.1	44.3	159.3	479.4	557.2	1 032.6	[6]24.1	152.4	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	33.7	226.1	28.3	50.5	163.6	445.6	553.0	991.7	20.5	157.9	(NA	(NA)
1973 ASM	(NA)	(NA)	(NA)	33.7	212.2	28.7	54.4	157.6	396.5	504.6	892.7	32.7	155.7	(NA)	(NA)
1972 Census	796	822	286	31.4	175.3	27.1	50.1	129.8	315.5	408.0	724.7	25.9	105.7	89	82

Note: Establishments of single unit companies with up to 20 employees (cutoff varied by industry) were excluded from the mail portion of the census. Data for these establishments (and a small number of larger establishments whose reports were not received at the time the data were tabulated) were estimated based on administrative-record information from other agencies in conjunction with industry averages. These establishments accounted for the following percent of total value of shipments: SIC 2391, 22%; SIC 2392, 18%; SIC 2393, 17%; SIC 2394, 28%; SIC 2395, 39%; SIC 2396, 15%; SIC 2397, 20%; SIC 2399, 20%.

[1]In annual survey of manufactures (ASM) years, data are estimates based on a representative sample of establishments canvassed annually and may differ from results of a complete canvass of all establishments. ASM publication shows percentage standard errors. Unless otherwise noted, for data prior to 1972, see 1972 Census of Manufactures, vol. II, table 1a of the industry chapter.

[2]For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

[3]Includes establishments with payroll at any time during year.

[4]Beginning with the 1982 Census of Manufactures, all respondents were requested to report their inventories at (the lower of) cost or market prior to adjustment to LIFO cost. This is a change from prior Censuses and annual surveys of manufactures in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, inventories and value added by manufacture are not comparable to prior-year data.

[5]Data either have associated standard errors exceeding 15 percent or are not consistent with other census series and related data; thus, these estimates may be of limited reliability.

[6]Estimates for new capital expenditures have associated standard error of 15 percent or more and may be of limited reliability. Estimates for other data items are of acceptable reliability.

[7]Finished housefurnishings produced in weaving mills, as well as those produced in this industry, were included in calculating coverage ratio.

[8]Industry definition is new for 1987 Census of Manufactures. An explanation of the Standard Industrial Classification revision will appear in the final industry series text that supercedes this report.

Table 2. **Product and Product Classes—Quantity and Value of Shipments by All Producers: 1987 and 1982**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987 Number of companies with shipments of $100,000 or more	1987 Product shipments[1] Quantity[2]	1987 Product shipments[1] Value (million dollars)	1982 Number of companies with shipments of $100,000 or more	1982 Product shipments[1] Quantity[2]	1982 Product shipments[1] Value (million dollars)
2391- --	**CURTAINS AND DRAPERIES**						
	Total	**(NA)**	**(X)**	**1 378.3**	**(NA)**	**(X)**	**1 008.3**
23910 --	Curtains and draperies:						
23910 10	Curtains and draperies, knit, mil pairs or sets	20	(S)	118.1	(NA)	(S)	(S)
	Curtains and draperies, woven:						
	Curtains, excluding lace:						
23910 12	Wholly or chiefly cotton fabrics, mil pairs or sets	27	(S)	32.7	34	[7]9.4	58.2
	Wholly or chiefly manmade fiber fabrics:						
23910 15	Glass fiber fabrics, mil pairs or sets	2	(D)	(D)	6	1.1	5.8
23910 19	Rayon and/or acetate, do.	28	(S)	38.7	60	[7]46.4	199.9
23910 21	All other manmade fiber, do.	46	(S)	212.6			
23910 25	Other materials, including plastics, do.	10	(D)	(D)	13	[7]4.4	25.6

See footnotes at end of table.

Table 2. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1987 and 1982—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text]

1987 product code	Product	1987			1982		
		Number of companies with shipments of $100,000 or more	Product shipments[1]		Number of companies with shipments of $100,000 or more	Product shipments[1]	
			Quantity[2]	Value (million dollars)		Quantity[2]	Value (million dollars)
2391- --	**CURTAINS AND DRAPERIES**—Con.						
23910 --	Curtains and draperies—Con.						
	Curtains and draperies, woven—Con.						
	Draperies (all lengths):						
23910 52	Wholly or chiefly cotton fabrics ... mil pairs or sets	105	(S)	112.9	97	(S)	82.1
	Wholly or chiefly manmade fiber fabrics:						
23910 55	Glass fiber fabrics ... mil pairs or sets	7	(S)	5.1	14	(S)	12.8
23910 59	Rayon and/or acetate ... do	69	(S)	121.1	190	**118.5	266.8
23910 61	All other manmade fiber ... do	61	(S)	187.4			
23910 62	Other materials, including plastics ... do	31	(S)	65.5	23	**6.5	58.6
23910 00	Curtains and draperies, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	(X)	286.0	(NA)	(X)	232.3
23910 02	Curtains and draperies, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	(X)	73.9	(NA)	(X)	66.2
2392- --	**HOUSEFURNISHINGS, N.E.C.**[4]						
	Total	**(NA)**	**(X)**	**4 442.6**	**(NA)**	**(X)**	**3 299.3**
23921 --	Bedspreads and bedsets (not made in a weaving mill)	(NA)	(X)	378.1	(NA)	(X)	331.4
23921 11	Knitted and/or crocheted bedspreads ... millions	–	(D)	(D)	(NA)	(5)	(5)
	Tailored bedspreads, except knit:						
	Quilted:						
23921 14	Wholly or chiefly cotton fabrics (see also code 2211H42) ... millions	37	(S)	105.0	18	(D)	(D)
23921 16	Wholly or chiefly manmade fiber fabrics (see also code 2211M21) ... do	39	(S)	126.8	(NA)	(D)	(D)
	Nonquilted:						
23921 20	Wholly or chiefly cotton fabrics (see also code 2211H43) ... millions	7	(S)	5.2	7	(S)	9.2
23921 21	Wholly or chiefly manmade fiber fabrics (see also code 2221M23) ... do	9	(S)	18.3	(NA)	1.4	23.0
	Tufted bedspreads, nontailored:						
23921 22	Wholly or chiefly cotton fabrics (see also code 2211H44) ... millions	2	(S)	(D)	(NA)	(S)	(Z)
23921 24	Wholly or chiefly manmade fiber fabrics (see also code 2221M25) ... do	3	(D)	(D)	(NA)	(D)	(D)
	Other bedspreads, nontailored (including quilted, jacquard, etc.) except tufted and knit:						
23921 30	Wholly or chiefly cotton fabrics (see also code 2211H46) ... millions	15	(S)	26.3	9	(D)	(D)
23921 31	Wholly or chiefly manmade fiber fabrics (see also code 2221M27) ... do	11	(S)	32.5	(NA)	(D)	(D)
23921 00	Bedspreads and bedsets, n.s.k.	(NA)	(X)	57.7	(NA)	(X)	34.8
23922 --	Sheets and pillowcases (made from purchased fabrics):						
23922 00	Sheets and pillowcases (made from purchased fabrics) (see also codes 2211H25 and 2221K) (for additional detail, see Current Industrial Report MQ-23X, Sheets, Pillowcases, and Towels)	37	(X)	709.3	(NA)	(X)	677.6
23923 --	Towels and washcloths (made from woven fabrics)	(NA)	(X)	466.8	28	(X)	355.9
23923 10	Woven terry fabrics, including other pile (see also code 2211G10) (for additional detail, see Current Industrial Report MQ-23X, Sheets, Pillowcases, and Towels)	17	(X)	474.7			
23923 13	All other towels and washcloth fabrics, including huck and crash towels, etc. (see also codes 2211G30 and 2221M33)	6	(X)	22.0	28	(X)	355.9
23923 00	Towels and washcloths, n.s.k.	(NA)	(X)	–			
23924 --	Other housefurnishings	(NA)	(X)	2 325.0	(NA)	(X)	1 477.6
23924 09	Shower bath curtains, including plastics (unsupported film), coated fabrics, and all other ... millions	9	(S)	123.1	25	(S)	125.5
	Quilted products, except bedspreads:						
	Comforters and quilts:						
23924 12	Wholly or chiefly cotton, except down-filled (see also code 2211H73) ... millions	18	(S)	84.8			
23924 14	Wholly or chiefly manmade fiber, except down-filled (see also code 2221M71) ... do	23	(S)	259.3	(NA)	(S)	205.2
23924 16	Down-filled ... do	7	(S)	74.1			
	Mattress protectors, including mattress covers:						
23924 33	Wholly or chiefly cotton ... millions	12	(S)	9.3	18	(S)	79.7
23924 35	All other fabrics ... do	17	(S)	74.1			
23924 36	Other quilted products	15	(X)	20.6	16	(X)	23.4
23924 37	Table linen, knitted or crocheted (tablecloths, napkins, place mats, etc.) ... mil doz	7	(S)	41.1			
	Other table linen:						
	Cotton:						
23924 38	Tablecloths and napkins ... mil doz	19	(S)	140.5			
23924 40	Other, including place mats and place mat sets ... do	7	(S)	8.3			
	Linen:						
23924 41	Tablecloths and napkins ... mil doz	4	(S)	3.7	(NA)	(NA)	207.7
23924 43	Other, including place mats and place mat sets ... do	–	–	–			
	Manmade fibers:						
23924 46	Tablecloths and napkins ... mil doz	19	(S)	29.4			
23924 48	Other, including place mats and place mat sets ... do	6	(S)	14.1			
	Other materials (including plastics, etc.):						
23924 50	Tablecloths and napkins ... mil doz	18	(S)	50.0			
23924 51	Other, including place mats and place mat sets ... do	9	(S)	9.2			
23924 54	Other related articles, except lace (dresser covers and scarves, doilies, tray cloths, etc.), including plastics	6	(X)	6.1	13	(X)	17.5

See footnotes at end of table.

Table 2. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1987 and 1982—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text]

1987 product code	Product	1987			1982		
		Number of companies with shipments of $100,000 or more	Product shipments[1]		Number of companies with shipments of $100,000 or more	Product shipments[1]	
			Quantity[2]	Value (million dollars)		Quantity[2]	Value (million dollars)
2392- —	**HOUSEFURNISHINGS, N.E.C.[4]—Con.**						
23924 —	Other housefurnishings—Con.						
	Bed pillows:						
23924 55	Manmade fiber filled, millions	28	(S)	302.0	(NA)	(S)	213.5
23924 56	Other materials, including foam, do.	18	**11.9	54.9			
	Fancy pillows and cushions:						
23924 57	Foam rubber, millions	16	(S)	31.7	22	(S)	31.6
23924 59	Other materials, do.	50	(S)	172.1	45	(S)	96.9
	Slipcovers:						
23924 63	Furniture (made from fabrics, plastics, and other material, except paper products), millions	11	(S)	49.2	11	(S)	19.7
23924 65	Mattress, nonquilted, do.	5	(S)	13.8	5	(S)	7.3
23924 69	Other, do.	12	(S)	47.2	8	(S)	9.7
	Mops and dusters:						
23924 71	Dry mops and dusters (excluding dusting cloths), including refills, millions	18	**8.4	30.0	17	(S)	23.0
23924 73	Wet mops (except sponge mops), including refills, do.	50	**34.4	84.3	44	(S)	53.9
23924 75	Sponge mops, do.	19	**22.8	63.0	18	18.3	50.4
23924 81	Bags (laundry, wardrobe, and shoe bags, including storage bags of textiles with or without external supporting frames)	13	(X)	23.6	(NA)	(NA)	(NA)
	Adult size blankets:						
23924 82	Wholly or chiefly cotton (see also codes 2211H62, 2211H65, 2211H67, and 2297243), mil doz.	5	(D)	(D)	5	(D)	(D)
23924 91	Wholly or chiefly manmade fiber (see also codes 2221M41, 2221M42, 2221M43, and 2297245), do.	2	(D)	(D)	1	(D)	(D)
23924 92	Wholly or chiefly wool (see also codes 2231925, 2231927, 2231929, and 2297248), do.	3	(D)	(D)	6	(D)	(D)
	Crib size blankets:						
23924 93	Wholly or chiefly cotton (see also codes 2211H69 and 2297243), mil doz.	4	(S)	10.5	6	(D)	(D)
23924 95	Wholly or chiefly manmade fiber (see also codes 2221M47 and 2297245), do.	3	(D)	(D)	3	(D)	(D)
23924 96	Wholly or chiefly wool (see also codes 2231931 and 2297248), do.	–	–	–	–	–	–
23924 99	All other housefurnishings, except embroidered	93	(X)	268.2	50	(X)	179.5
23924 00	Other housefurnishings, n.s.k.	(NA)	(X)	137.3	(NA)	(X)	–
23920 —	Housefurnishings, n.e.c., n.s.k.	(NA)	(X)	533.6	(NA)	(X)	456.8
23920 00	Housefurnishings, n.e.c., n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	(X)	358.8	(NA)	(X)	368.0
23920 02	Housefurnishings, n.e.c., n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	(X)	166.5	(NA)	(X)	88.8
2393- —	**TEXTILE BAGS**						
	Total	**(NA)**	**(X)**	**538.6**	**(NA)**	**(X)**	**409.3**
23930 —	Textile bags, except laundry, wardrobe, and shoe:						
	Wholly or chiefly cotton fabrics, including cotton canvas and open-mesh cotton:						
23930 12	Duffle bags and knapsacks, mil lin yd.	24	(S)	21.2	16	(S)	18.1
23930 13	Other bags, do.	67	(S)	119.8	47	(S)	51.1
23930 18	Spun paper, mil lin yd.	6	(S)	53.7	5	(S)	11.3
23930 31	Burlap, do.	24	(S)	61.7	33	(S)	60.4
	Wholly or chiefly manmade fiber fabrics:						
23930 91	Duffle bags and knapsacks, mil lin yd.	15	(S)	22.0	22	(S)	24.7
23930 95	Split, polyethylene or polypropylene strip, except duffle, do.	18	34.9	33.1	57	(S)	100.9
23930 96	Other manmade fiber fabrics, except duffle, do.	32	(S)	59.4			
23930 97	Other fabrics, do.	34	(S)	69.1	33	(S)	59.1
23930 00	Textile bags, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	(X)	75.8	(NA)	(X)	69.9
23930 02	Textile bags, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	(X)	20.8	(NA)	(X)	13.6
2394- —	**CANVAS AND RELATED PRODUCTS**						
	Total	**(NA)**	**(X)**	**983.9**	**(NA)**	**(X)**	**690.9**
23940 —	Canvas and related products:						
23940 21	Awnings	184	(X)	139.8	130	(X)	68.9
	Tents:						
23940 34	Camping	26	(X)	67.7	33	(X)	99.9
23940 36	Other tents, including air supported structures and tension structures	38	(X)	91.9	33	(X)	97.7
	Tarpaulins and other covers:						
23940 53	Flat	81	(X)	60.6	89	(X)	79.6
23940 55	Fitted	95	(X)	68.6	74	(X)	54.1
	Other canvas products, except bags:						
23940 61	Sails	61	(X)	52.5	(NA)	(X)	117.5
23940 63	Pneumatic mattresses	–	(X)	–			
23940 65	All other	126	(X)	235.9			
23940 00	Canvas products, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	(X)	161.0	(NA)	(X)	118.4
23940 02	Canvas products, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	(X)	94.8	(NA)	(X)	54.8

See footnotes at end of table.

Table 2. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1987 and 1982—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987			1982		
		Number of companies with shipments of $100,000 or more	Product shipments[1]		Number of companies with shipments of $100,000 or more	Product shipments[1]	
			Quantity[2]	Value (million dollars)		Quantity[2]	Value (million dollars)
2395- --	**PLEATING AND STITCHING**						
	Total	**(NA)**	**(X)**	**638.5**	**(NA)**	**(X)**	**180.3**
23952 --	Embroideries, except Schiffli machine products:						
23952 00	Embroideries, except Schiffli machine products	147	(X)	317.0	64	(X)	118.6
23958 --	Commission embroidering (except Schiffli machine), tucking, pleating, etc., for the trade	(NA)	(X)	157.3	(NA)	(X)	61.7
23958 11	Embroidering (other than Schiffli machine) on materials owned by others	68	(X)	80.3	28	(X)	20.2
23958 33	Contract tucking, pleating, hemstitching, and buttonholing for the trade	67	(X)	77.0	39	(X)	35.1
23958 00	Commission embroidering (except Schiffli machine), tucking, pleating, and stitching for the trade, n.s.k.	(NA)	(X)	–	(NA)	(X)	6.4
23950 --	Embroideries, tucking, pleating, and stitching, n.s.k.	(NA)	(X)	164.2	(NA)	(X)	(*)
23950 00	Embroideries, tucking, pleating, and stitching, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	(X)	120.4	(NA)	(X)	(*)
23950 02	Embroideries, tucking, pleating, and stitching, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	(X)	41.9	(NA)	(X)	(*)
2396- --	**AUTOMOTIVE AND APPAREL TRIMMINGS**						
	Total	**(NA)**	**(X)**	**4 359.2**	**(NA)**	**(X)**	**2 764.1**
23961 --	Men's and boys' suit and coat findings, hatters' fur, and other hat and cap materials	(NA)	(X)	223.4	(NA)	(X)	183.5
23961 11	Men's and boys' coat, suit, and trouser findings	19	(X)	205.7	30	(X)	168.4
23961 53	Hat bands, hat linings, tip printing and stamping, sweats, cap fronts, etc., made for sale as such, and hatters' fur, cut or blown, for sale as such	13	(X)	12.9	19	(X)	15.1
23961 00	Men's and boys' coat, suit, trouser findings, hatters' fur, and other hat and cap materials, n.s.k.	(NA)	(X)	4.8	(NA)	(X)	–
23962 --	Automobile trimmings:						
23962 00	Automobile trimmings	10	(X)	2 514.0	31	(X)	1 384.3
23963 --	Other trimmings and findings	(NA)	(X)	517.7	(NA)	(X)	282.5
	Trimmings, except automobile:						
23963 11	Women's and children's apparel findings and trimmings	66	(X)	301.9	58	(X)	92.5
23963 12	All other, including furniture trimmings	33	(X)	73.8	34	(X)	51.6
23963 33	Bias binding for the apparel trade and notion trade, except fused or sealed edge	32	(X)	69.3	38	(X)	86.0
23963 45	Ribbons, fused or sealed edge (not woven with fast edges) mil lin yd	20	(S)	58.3	15	(NA)	39.4
23963 00	All other trimmings and findings, n.s.k.	(NA)	(X)	14.4	(NA)	(X)	3.1
23964 --	Printing on garments and apparel accessories; stamped art goods	(NA)	(X)	842.2	(NA)	(X)	489.8
23964 34	Printing on garments and apparel accessories, including silk screen printing	256	(X)	768.5	118	(X)	382.9
23964 37	Stamped art goods for embroidering, punching, and needlework	11	(X)	49.1	29	(X)	87.8
23964 00	Printing on garments and apparel accessories; stamped art goods, n.s.k.	(NA)	(X)	24.6	(NA)	(X)	19.1
23960 --	Automotive and apparel trimmings, n.s.k.	(NA)	(X)	262.0	(NA)	(X)	[4]424.0
23960 00	Automotive trimmings, apparel findings, and related products, n.s.k., typically for establishments with 5 employees or more (see note)	(NA)	(X)	133.6	(NA)	(X)	[4]278.1
23960 02	Automotive trimmings, apparel findings, and related products, n.s.k., typically for establishments with less than 5 employees (see note)	(NA)	(X)	127.5	(NA)	(X)	[4]145.9
2397- --	**SCHIFFLI MACHINE EMBROIDERIES**						
	Total	**(NA)**	**(X)**	**254.0**	**(NA)**	**(X)**	**263.7**
23970 --	Schiffli machine embroideries:						
23970 00	Schiffli machine embroideries	143	(X)	235.5	213	(X)	252.4
23970 02	Schiffli machine embroideries, typically for establishments with less than 5 employees (see note)	(NA)	(X)	18.5	(NA)	(X)	11.2
2399- --	**FABRICATED TEXTILE PRODUCTS, N.E.C.**						
	Total	**(NA)**	**(X)**	**2 495.2**	**(NA)**	**(X)**	**1 458.1**
23990 --	Fabricated textile products, n.e.c.:						
23990 15	Automobile seat covers 1,000 sets	22	(S)	114.8	30	(S)	65.5
23990 25	Seat or safety belts, including shoulder harnesses (except leather) thousands	16	(S)	472.8	15	4 266.1	270.4
	Diapers:						
23990 26	Woven and knitted (see also code 2211H37) mil doz	4	(D)	(D)	5	(D)	(D)
23990 27	Disposable, nonwoven fabrics and/or combinations thereof (except diaper liners) do	1	(D)	(D)	3	(D)	(D)
23990 31	Sleeping bags thousands	21	(S)	123.2	21	(S)	99.4
23990 41	Flags, banners, and similar emblems	95	(X)	198.1	58	(X)	91.7
23990 85	Parachutes thousands	15	(S)	72.0	17	(S)	43.6
23990 93	Industrial shop towels mil doz	8	(S)	41.6	7	901.2	15.1
23990 95	Carpet tiles (tufted and needle-punched) cut from broadloom mil sq yd	9	(S)	198.6	5	(D)	(D)
23990 97	Carpet and rugs made from carpeting not made in this plant (cutting, sewing, and binding only)	28	(X)	317.6	223	(X)	522.7
23990 99	All other fabricated textile products	247	(X)	587.4			

See footnotes at end of table.

Table 2. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1987 and 1982—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987			1982		
		Number of companies with shipments of $100,000 or more	Product shipments[1]		Number of companies with shipments of $100,000 or more	Product shipments[1]	
			Quantity[2]	Value (million dollars)		Quantity[2]	Value (million dollars)
2399- ---	**FABRICATED TEXTILE PRODUCTS, N.E.C.**—Con.						
23990 ---	Fabricated textile products, n.e.c.—Con.						
23990 00	Fabricated textile products, n.e.c., n.s.k.; typically for establishments with 5 employees or more (see note)	(NA)	(X)	254.2	(NA)	(X)	192.1
23990 02	Fabricated textile products, n.e.c., n.s.k.; typically for establishments with less than 5 employees (see note)	(NA)	(X)	101.4	(NA)	(X)	32.4

Note: In 1987 Census of Manufactures, data for establishments of small single unit companies with up to 20 employees were estimated from administrative-records data rather than data actually collected from respondents. Employment cutoffs used for administrative-records for each industry and shipments figures are included in code ending with "002". In both 1987 and 1982 Censuses of Manufactures, products not completely identified on standard forms were coded in appropriate product class (five-digit) followed by "00" or to appropriate product group code (four-digit) followed by "000".

[1]Data reported by all producers, not just those with shipments of $100,000 or more.
[2]For some establishments, data have been estimated from central unit values which are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: * 10 to 19 percent estimated; ** 20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by (S).
[3]For 1982, knit curtains and draperies were included with those made of other materials.
[4]See MC87-I-22A(P) for SIC 2211, SIC 2221, and SIC 2231 products; MC87-I-23E(P) for SIC 2297 products.
[5]For 1982, knit or crocheted bedspreads were included with those made of other materials.
[6]For 1982, data for 23950 and 23960 were combined.

Table 3. Materials Consumed by Kind: 1987 and 1982

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. For further explanation, see Cost of Materials in appendix. For meaning of abbreviations and symbols, see introductory text.]

1987 material code	Material	1987		1982	
		Quantity[1]	Delivered cost (million dollars)	Quantity[1]	Delivered cost (million dollars)
	INDUSTRY 2391, CURTAINS AND DRAPERIES				
	Materials, containers, and supplies	**(X)**	**730.1**	**(X)**	**568.9**
	Broadwoven fabrics:				
221101	Cotton (mil lin yd)	**43.7	53.3	**38.5	42.0
222101	Rayon and acetate (do)	**50.2	77.7	**36.4	53.6
222105	Nylon (do)	(S)	2.4	(S)	1.8
222104	Polyester (do)	(S)	99.3	*130.2	131.7
220127	Other (do)	*116.5	125.5	50.7	69.9
224111	Narrow fabrics (do)	(S)	9.4	[3]	[3]
228015	Yarns, all fibers (mil lb)	(S)	54.7	[3]	[3]
282014	Manmade fibers (staple and tow) (do)	(S)	15.0	[3]	[3]
229503	Plastics coated, impregnated, or laminated fabrics (1,000 sq yd)	(S)	1.3	[3]	[3]
308007	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	(X)	2.5	(X)	6
970099	All other materials, containers, and supplies	(X)	61.3	(X)	[4]52.8
971000	Materials, containers, and supplies, n.s.k.	(X)	227.7	(X)	216.5
	INDUSTRY 2392, HOUSEFURNISHINGS, N.E.C.				
	Materials, containers, and supplies	**(X)**	**2 518.5**	**(X)**	**1 849.5**
	Broadwoven fabrics:				
221101	Cotton (mil lin yd)	*402.1	565.3	*203.4	262.7
222101	Rayon and acetate (do)	12.7	8.9	(S)	19.4
222105	Nylon (do)	*2.7	4.4	(S)	6.1
222104	Polyester (do)	*283.3	339.9	*297.2	316.0
220127	Other (do)	*166.1	196.9	**154.5	166.1
224111	Narrow fabrics (do)	**31.8	7.0	[3]	[3]
228015	Yarns, all fibers (mil lb)	(S)	30.4	[3]	[3]
282014	Manmade fibers (staple and tow) (do)	*223.5	151.3	**48.3	40.4
229503	Plastics coated, impregnated, or laminated fabrics (1,000 sq yd)	(S)	44.3	(S)	22.9
308007	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	(X)	18.8	(X)	21.5
970099	All other materials, containers, and supplies	(X)	559.2	(X)	[4]409.8
971000	Materials, containers, and supplies, n.s.k.	(X)	592.1	(X)	564.6
	INDUSTRY 2393, TEXTILE BAGS				
	Materials, containers, and supplies	**(X)**	**293.8**	**(X)**	**224.5**
	Broadwoven fabrics:				
221101	Cotton (mil lin yd)	(S)	39.6	(S)	16.0
222101	Rayon and acetate (do)	(S)	1.7	[3]	[3]
222105	Nylon (do)	(S)	15.0	(S)	7.2
222104	Polyester (do)	(S)	7.3	(S)	10.4
220127	Other (do)	(S)	30.8	(S)	63.4
224111	Narrow fabrics (do)	(S)	2.3	*16.0	1.9
228015	Yarns, all fibers (mil lb)	(S)	11.8	[3]	[3]
282014	Manmade fibers (staple and tow) (do)	(S)	9.2	[3]	[3]
229503	Plastics coated, impregnated, or laminated fabrics (1,000 sq yd)	*9.9	15.6	(S)	12.7
308007	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	(X)	1.3	(X)	8.2
970099	All other materials, containers, and supplies	(X)	55.2	(X)	[4]49.3

See footnotes at end of table.

Table 3. **Materials Consumed by Kind: 1987 and 1982**—Con.

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. For further explanation, see Cost of Materials in appendix. For meaning of abbreviations and symbols, see introductory text]

1987 material code	Material	1987		1982	
		Quantity[1]	Delivered cost (million dollars)	Quantity[1]	Delivered cost (million dollars)
	INDUSTRY 2393, TEXTILE BAGS—Con.				
971000	Materials, containers, and supplies, n.s.k.	(X)	104.0	(X)	55.4
	INDUSTRY 2394, CANVAS AND RELATED PRODUCTS				
	Materials, containers, and supplies	**(X)**	**470.4**	**(X)**	**338.4**
	Broadwoven fabrics:				
221101	Cotton, mil lin yd	**27.5	54.9	*23.8	33.9
222101	Rayon and acetate, do	(S)	2.8		
222105	Nylon, do	*3.1	8.6	*6.9	12.2
222104	Polyester, do	*4.2	13.9	*15.7	11.8
220127	Other, do	*9.5	23.2	(S)	5.3
224115	Narrow fabrics, do	(S)	4.6	(3)	(3)
228015	Yarns, all fibers, mil lb	** 8	6.2	(3)	(3)
282014	Manmade fibers (staple and tow), do	* 2	8	(3)	(3)
229503	Plastics coated, impregnated, or laminated fabrics, 1,000 sq yd	**16.9	44.4	**9.0	28.0
308007	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	(X)	2.3	(X)	(3)
970099	All other materials, containers, and supplies	(X)	73.2	(X)	[2]101.7
971000	Materials, containers, and supplies, n.s.k.	(X)	235.5	(X)	145.5
	INDUSTRY 2395, PLEATING AND STITCHING				
	(Material data were not collected for this industry.)				
	INDUSTRY 2396, AUTOMOTIVE AND APPAREL TRIMMINGS				
	Materials, containers, and supplies	**(X)**	**2 365.8**	**(NA)**	**(NA)**
	Broadwoven fabrics:				
221103	Cotton, mil lin yd	(S)	82.6	(NA)	(NA)
222102	Rayon and acetate, do	(S)	48.5	(NA)	(NA)
222104	Polyester, do	(S)	171.5	(NA)	(NA)
220128	Other, do	(S)	191.9	(NA)	(NA)
224111	Narrow fabrics, do	(S)	29.6	(NA)	(NA)
229503	Plastics coated, impregnated, or laminated fabrics, 1,000 sq yd	(S)	220.0	(NA)	(NA)
282104	Plastics resins consumed in the form of granules, pellets, liquids, etc, mil lb	62.1	44.4	(NA)	(NA)
308007	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	(X)	29.4	(NA)	(NA)
970099	All other materials, containers, and supplies	(X)	1 064.7	(NA)	(NA)
971000	Materials, containers, and supplies, n.s.k.	(X)	483.2	(NA)	(NA)
	INDUSTRY 2397, SCHIFFLI MACHINE EMBROIDERIES				
	(Material data were not collected for this industry.)				
	INDUSTRY 2399, FABRICATED TEXTILE PRODUCTS, N.E.C.				
	Materials, containers, and supplies	**(X)**	**1 276.8**	**(X)**	**789.6**
	Broadwoven fabrics:				
221101	Cotton, mil lin yd	(S)	20.4	(S)	25.2
222101	Rayon and acetate, do	(S)	1.5	*10.2	6.9
222105	Nylon, do	(S)	29.8	**47.2	55.2
222104	Polyester, do	(S)	40.3	(S)	47.1
220127	Other, do	**59.0	50.6	(S)	19.6
224111	Narrow fabrics, do	(S)	45.9	(S)	40.2
228015	Yarns, all fibers, mil lb	(S)	50.6	(3)	(3)
282014	Manmade fibers (staple and tow), do	(S)	13.6	(S)	7.6
229503	Plastics coated, impregnated, or laminated fabrics, 1,000 sq yd	(S)	37.9	(S)	10.5
308007	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	(X)	49.8	(X)	13.6
970099	All other materials, containers, and supplies	(X)	550.5	(X)	[2]260.1
971000	Materials, containers, and supplies, n.s.k.	(X)	386.0	(X)	303.6

[1]For some establishments, data have been estimated from central unit values which are based on quantity-cost relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: * 10 to 19 percent estimated; ** 20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by (S).
[2]Total cost of materials of establishments that did not report detailed materials data, including establishments that were not mailed a form.
[3]For 1982, these material codes were included with material code 970099.

APPENDIX
Scope and Coverage and Explanation of Terms

GENERAL

The 1987 Census of Manufactures is the 32nd census of manufacturing establishments conducted in the United States. For 1987, it was conducted as part of the economic censuses, which included the censuses of mineral industries, construction industries, retail and wholesale trades, service industries, selected transportation activities, and minority-owned and women-owned businesses, under authority of title 13 of the United States Code. Title 13 specifies that an economic census be conducted every 5 years to cover years ending in 2 and 7.

SCOPE AND COVERAGE

Establishment Basis of Reporting

The census of manufactures is conducted on an establishment basis. All manufacturing establishments with one paid employee or more at any time during the year are covered by the census of manufactures. Therefore, a company operating at more than one location is required to file a separate report for each location. This report excludes information for separately operated administrative offices, warehouses, garages, and other auxiliary units which service manufacturing establishments of the same company. Where these auxiliary operations are conducted at the same location as the manufacturing operation, they are usually included in the report for the operating manufacturing establishment.

Use of Administrative Records

From a universe of approximately 350,000 manufacturing establishments in the 1987 Census of Manufactures, approximately 150,000 small single-establishment companies were excused from filing reports. Selection of the small establishment nonmail cases was done on an industry-by-industry basis. A variable cutoff was used to determine those establishments for which administrative records were to be used in place of a census report. The cutoffs were selected so the administrative-record cases would account for approximately 3 percent or less of the value of shipments for the industry. These cutoffs were then adjusted so that all single-establishment companies with less than 5 employees were excluded from the mail canvass, while all establishments with more than 20 employees were included. Where establishments in the 5 to 20 employee size range were included in the mail canvass, an abbreviated census form was frequently used.

For these nonmail establishments, (and a small number of larger establishment whose reports were not received at the time the data were tabulated) data on employment, payroll, and receipts were obtained from administrative records of other government agencies rather than from census forms. The administrative-record information was then used in conjunction with industry averages to estimate the data for these establishments. The value of shipments and cost of materials were not distributed among specific products and materials but were included in the product and material "not specified by kind" (n.s.k.) categories.

EXPLANATION OF TERMS

Number of establishments and companies–A separate report was required for each manufacturing establishment (plant) with one employee or more. An establishment is defined as a single physical location where manufacturing is performed. A company, on the other hand, is defined as a business organization consisting of one establishment or more under common ownership or control.

All employees–Includes all full-time and part-time employees on the payrolls at any time during the year. Included are all persons on paid sick leave, paid holidays, and paid vacations. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are excluded. The "all employees" number is the average number of production workers plus the number of other employees in mid-March. The number of production workers is the average of those for midmonth payroll periods of March, May, August, and November.

Production workers–Includes workers up through the working-supervisor level engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., powerplant), recordkeeping, and other closely associated services. Truckdrivers delivering ready-mixed concrete are also included in production workers.

Other employees–Includes nonproduction personnel, including those engaged in the following activities: supervision above working-supervisor level, sales (including driver/salespersons), sales delivery (truckdrivers and helpers), advertising, credit collection, installation and

servicing of own product, clerical and routine office functions, executive, purchasing, finance, legal, personnel (including cafeteria, etc.), professional, and technical employees.

Payroll–Includes the gross earnings for the "employees" defined above, such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. Respondents were told that in reporting they could follow the definition of payrolls used for calculating the Federal withholding tax.

Production-worker hours–Covers hours worked or paid for at the plant, including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave when the employee was not at the plant.

Cost of materials–Refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. It includes the cost of materials or fuels consumed, regardless of whether they were purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

The important components of this cost item are (a) all raw materials, semifinished goods, parts, containers, scrap, and supplies put into production or used as operating supplies and for repair and maintenance during the year; (b) electric energy purchased; (c) fuels consumed for heat, power, or generating electricity; (d) work done by others on materials or parts furnished by manufacturing establishments (contract work); and (e) products bought and resold in the same condition.

Specific materials consumed (table 3)–In addition to the total cost of materials which every establishment was required to report, information was also collected for most manufacturing industries on the consumption of major materials used in manufacturing. These inquiries were restricted to those materials which were important parts of the cost of production in a particular industry and for which cost information was available from manufacturers' records. Establishments consuming less than a specified amount (usually $10,000) of a specific material were not requested to report consumption of that material separately. Also, the cost of materials for the small establishments for which administrative records were used was estimated as "not specified by kind" (n.s.k.).

Value of shipments and other receipts–Generally refers to received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts such as receipts for contract work performed for others, installation and repair receipts, sale of scrap, and sale of products bought and resold without further processing. Included are all items made by or for the establishment from materials owned by it whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In a few industries, the value of production or value of work completed is used instead of value of shipments. These industries are identified in the introduction and are footnoted in table 1.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, that is, including not only the direct costs of production but also a reasonable proportion of "all other costs" (including company overhead and profit).

Shipments or production of individual products (table 2)–In the 1987 census, detailed shipment information was collected for approximately 11,000 individual products. These products are identified by a seven-digit code and are grouped into approximately 1,500 classes of products, which in turn are primary to 459 four-digit industries. Data at the five-digit product-class level have been collected each year as part of the annual survey of manufactures. Information at the seven-digit level, collected for many industries in the current industrial reports program, is not included in this table.

Value added by manufacture–This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments for products manufactured plus receipts for services rendered. The result of this calculation is then adjusted by the addition of value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacturing, processing, or assembly) plus the net change in finished goods and work-in-process inventories between the beginning and end of the year.

For those industries where value of production is collected instead of value of shipments (see footnote in table 1), value added is adjusted only for the change in work-in-process inventories between the beginning and end of the year. For those industries where value of work done is collected, the value added does not include an adjustment for the change in finished goods or work-in-process inventories.

Value added avoids the duplication in the figure for value of shipments which results from the use of products of some establishments as materials by others. Value

added is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Expenditures for new plant and equipment–Establishments in operation and any known plants under construction were asked to report their expenditures for (a) permanent additions and major alterations to manufacturing establishments and (b) new machinery and equipment used for replacement and additions to plant capacity if they are of the type for which depreciation accounts are ordinarily maintained.

These totals exclude expenditures for used plant and equipment, expenditures for land, and cost of maintenance and repairs charged as current operating expenses. Data for used plant and equipment will be published in the final industry bulletin.

End-of-year inventories–Comprised of (a) finished products; (b) work-in-process; and (c) materials, supplies, fuels, etc. Beginning in 1982, respondents were asked to report their inventories at (the lower of) cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Therefore, 1982 through 1987 data for inventories are not strictly comparable to prior-year data.

Specialization and coverage ratios–An establishment is classified in a particular industry if its shipments of primary products of the industry exceed in value its shipments of the products of any other single industry. An establishments' shipments include those products assigned to an industry (primary products), those considered primary to other industries (secondary products), and receipts for miscellaneous activities (merchandising, contract work, resales, etc.). The following ratios have been developed to measure the relationship of primary product shipments to the data on shipments for the industry shown in table 1 and data on product shipments shown in table 2.

Specialization ratio–Represents the ratio of primary product shipments to total product shipments (primary and secondary, excluding miscellaneous receipts) for the establishments classified in the industry.

Coverage ratio–Represents the ratio of primary products shipped by the establishments classified in the industry to the total shipments of such products that are shipped by all manufacturing establishments, wherever classified.

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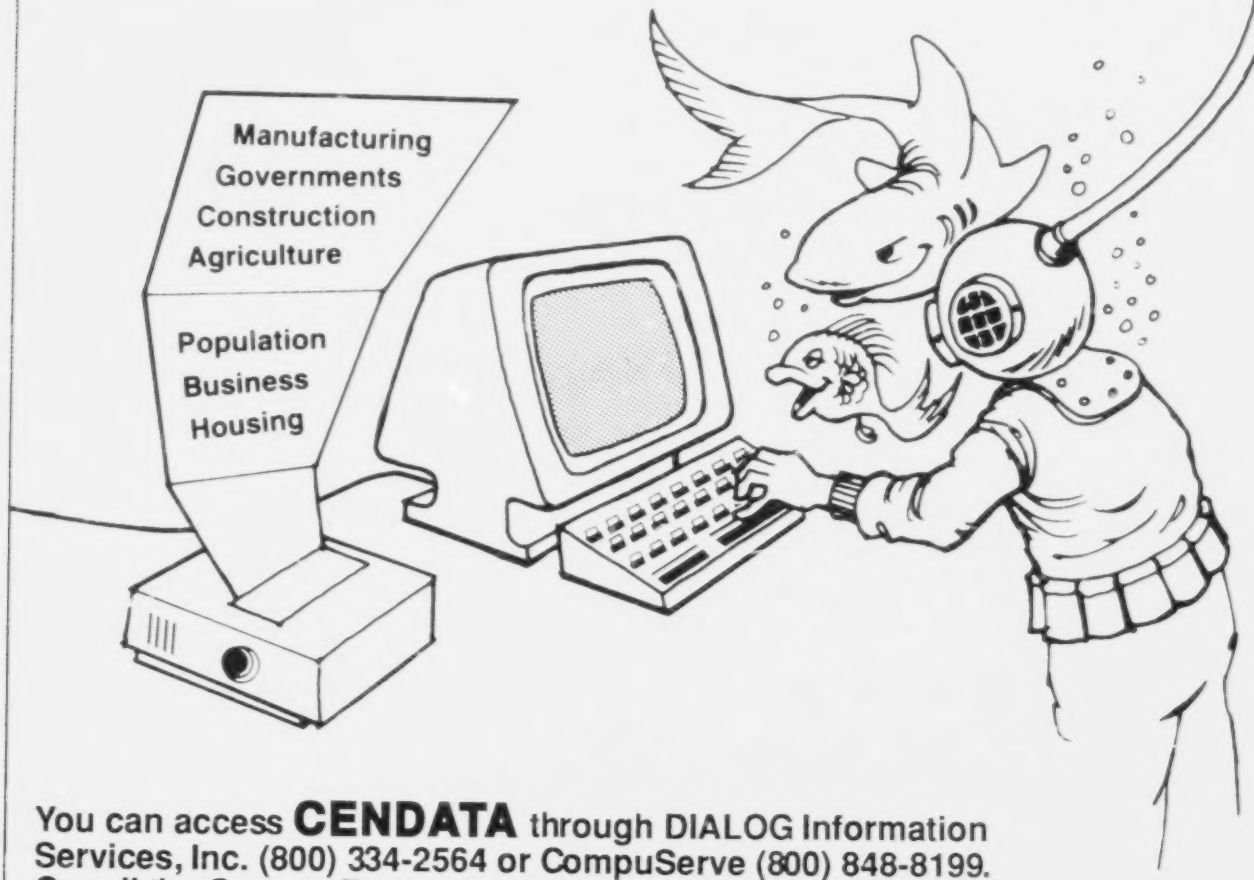

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